

California Weather-Hydro Conditions during August 2009

As of September 1, 2009, statewide hydrologic conditions were as follows: precipitation, 85 percent of average to date; runoff, 65 percent of average to date; and reservoir storage, 80 percent of average for the date. Sacramento River unimpaired runoff observed through August 31, 2009 was about 12.6 million acre-feet (MAF), which is about 69 percent of average. (On August 31, 2008, the observed Sacramento River unimpaired runoff through that date was about 10.0 MAF, or about 55 percent of average.)

As of September 1, the Northern Sierra 8-Station Precipitation Index water year total to date was 46.5 inches, about 95 percent of the seasonal average to date and 93 percent of an average water year (50 inches). Last year on August 1, the seasonal total to date was 34.9 inches, about 71 percent of the average to date.

Selected Cities Precipitation Accumulation as of 8/31/2009 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2008 - 2009 (in inches)	% Avg	Jul 1 to Date 2007 - 2008 (in inches)	% Avg	% Avg "Water Year" Jul 1 to Jun 30 2008 - 2009
Eureka	0.07	13	0.49	94	0
Redding	0.00	0	0.01	4	0
Sacramento	0.00	0	0.00	0	0
San Francisco	0.00	0	0.01	11	0
Fresno	0.00	0	0.01	100	0
Bakersfield	0.00	0	0.00	0	0
Los Angeles	0.00	0	0.00	0	0
San Diego	0.00	0	0.00	0	0

Key Reservoir Storage (1,000 AF) as of 8/31/2009								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,025	1,839	56	2,448	42	---	1,423
Shasta Lake	Sacramento	1,936	2,966	65	4,552	43	-2,616	2,616
Lake Oroville	Feather	1,383	2,377	58	3,538	39	-2,155	2,155
New Bullards Bar Res	Yuba	652	653	100	966	68	-314	314
Folsom Lake	American	452	621	73	977	46	-525	525
New Melones Res	Stanislaus	1,158	1,374	84	2,420	48	-1,262	1,262
Don Pedro Res	Tuolumne	1,513	1,427	106	2,030	75	-517	517
Lake McClure	Merced	495	584	85	1,025	48	-530	530
Millerton Lake	San Joaquin	351	230	153	520	67	-170	169
Pine Flat Res	Kings	212	387	55	1,000	21	-788	788
Isabella	Kern	131	212	62	568	23	-303	437
San Luis Res	(Offstream)	402	890	45	2,039	20	---	1,637

The latest National Weather Service Climate Prediction Center (CPC) long-range weather outlook for September 2009, issued August 31, 2009, forecasts average precipitation for all of California, except for the northern portion of the State, where below average precipitation is forecasted.